



# SERVICE BULLETIN

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## Health Imaging Products

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Eastman Kodak Company, Health Imaging, Rochester, NY 14650

SERVICE BULLETIN NO. 299

FEBRUARY 2002

**3059 Kodak X-Omat 270 RA PROCESSOR**  
**3291 Kodak X-Omat 270 RA INTEGRATED PROCESSOR**  
**3434 Kodak X-Omat 3000 RA PROCESSOR**  
**3511 Kodak X-Omat 3000 RA INTEGRATED PROCESSOR**  
**3466 Kodak X-Omat 3000 RA INTEGRATED PROCESSOR**  
**3227 Kodak X-Omat 180 LP PROCESSOR**  
**3198 Kodak X-Omat 180 LPS PROCESSOR**

### Updated HI Analog Publications CD is Now Available

An updated "Health Imaging User and Service Documentation Library" CD is now available from Service Parts Management. This CD has user and service manuals for the following products: PROCESSORS, MULTILoadERS, MINILoadERS, AUTOMIXERS, and ID CAMERA'S. In addition, it has a listing of many SERVICE BULLETINS, as well as the GCSS TOOL CATALOG.

**Order Part Number: 4E8964**

### Correction for a 3000 RA PROCESSOR Unexpectedly Going into Sleep Mode

There have been a small number of 3000 RA PROCESSORS that have exhibited a problem of unexpectedly going into the Sleep Mode. There are two possible causes:

- A faulty CONTROL PANEL 2000 BOARD, p/n 9B8615.
- Insufficient shielding in the CABLE that connects to J-2004 on the CONTROL PANEL 2000 BOARD.

There is a new **CABLE, p/n 4E8291** (J-2004 to J-5007) available at Service Parts Management which has grounding TERMINALS at both ends of the CABLE to improve the shielding. The old CABLE, p/n 1C4381, now subs to the new CABLE, p/n 4E8291.

## **One-Piece WASH RACK ROLLERS for the PROCESSORS**

Since 1999, WASH RACKS have been manufactured with one-piece ROLLER/SHAFT assemblies. The one-piece ROLLERS are made of a material similar to the phenolic material previously used. These ROLLERS are a one-piece assembly consisting of a ROLLER with a pinned GEAR and molded-in plastic SHAFTS. You can **not** use a one-piece ROLLER and an older-style ROLLER together to make up a ROLLER pair, because the GEARS have a different pitch angle. You must always use 2 one-piece ROLLERS or 2 older-style ROLLERS together to make a ROLLER pair. It is acceptable to mix the old style ROLLER pairs and one-piece ROLLER pairs together in the same RACK assembly, as long as each ROLLER pair uses the same style ROLLER.

Stock at Service Parts Management:

Part numbers for the new one-piece ROLLERS are as follows:

DRIVE ROLLER, p/n 8B7455

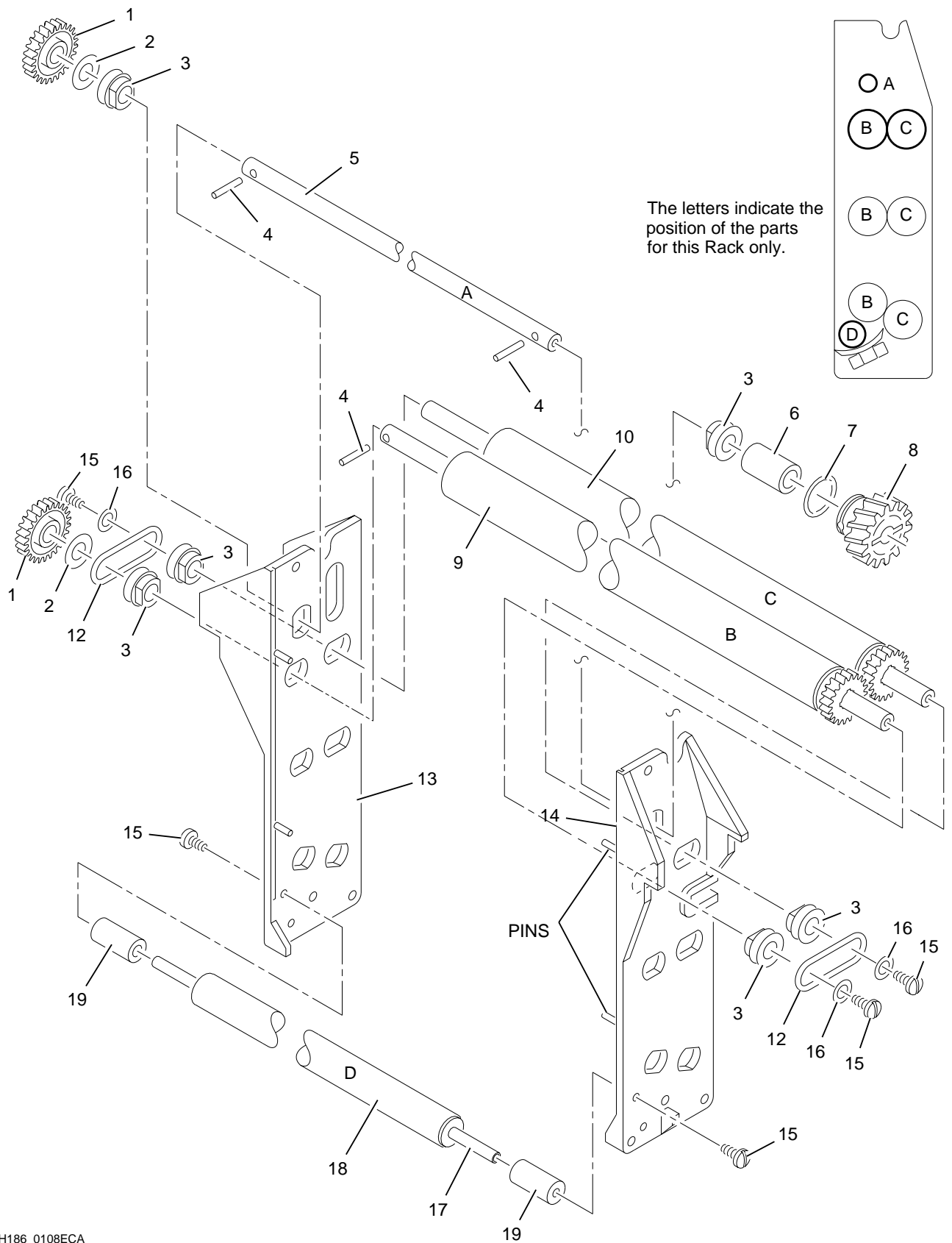
DRIVEN ROLLER, p/n 8B7456

- WASH RACK p/n 1C4962 subs to WASH RACK 5B6890 (with the new one-piece ROLLERS)
- WASH RACK p/n 779101 subs to 8B6612 (this is Modification nos. 29/ 19/ 7, which includes WASH RACK 5B6890 with the new one piece ROLLERS)
- WASH RACK p/n 5B6575 now has the new one-piece ROLLERS
- Service Parts Management will continue to stock the individual ROLLERS and SHAFTS for the older WASH RACK configurations

### **⊠ NOTE:**

Future revisions of PARTS LISTS will only cover the latest WASH RACKS and the previous generation of WASH RACK. If your WASH RACK is older than this, you will have to keep your older PARTS LISTS to order parts for that WASH RACK.

The following pages contain a generic ILLUSTRATED PARTS LIST for the RACKS with the one-piece ROLLERS. Please make copies of this information and place it in the WASH RACK section of your PARTS LIST.



H186\_0108ECA  
H186\_0108EA

## Illustrated Parts List

### WASH RACK with One-Piece ROLLERS

| Item      | Part No. | Description                      | Qty. | Notes                      |
|-----------|----------|----------------------------------|------|----------------------------|
| <b>1</b>  | 779028   | GEAR                             | 6    |                            |
| <b>2</b>  | 418775   | WASHER                           | 6    |                            |
| <b>3</b>  | 9B8719   | BEARING                          | 14   |                            |
| <b>4</b>  | 502464   | PIN                              | 10   |                            |
| <b>5</b>  | 1C7366   | SHAFT                            | 1    | SHAFT "A"                  |
| <b>6</b>  | 5B6589   | SPACER                           | 1    |                            |
| <b>7</b>  | 573971   | O-RING                           | 6    |                            |
| <b>8</b>  | 5B6591   | GEAR                             | 1    |                            |
| <b>9</b>  | 8B7455   | ROLLER – Drive                   | 3    | ROLLER "B", includes SHAFT |
| <b>10</b> | 8B7456   | ROLLER – Driven                  | 3    | ROLLER "C", includes SHAFT |
| <b>12</b> | 1C7107   | SPRING                           | 6    |                            |
| <b>13</b> | 8B7346   | SIDEPLATE - wash, non-drive side | 1    |                            |
| <b>14</b> | 8B7353   | SIDEPLATE - wash, drive side     | 1    |                            |
| <b>15</b> | 490097   | SCREW                            | 11   |                            |
| <b>16</b> | 852611   | WASHER                           | 9    |                            |
| <b>17</b> | 5B6817   | SHAFT                            | 1    | ROLLER "D"                 |
| <b>18</b> | 8B6568   | ROLLER - tan, phenolic           | 1    |                            |
| <b>19</b> | 953828   | SPACER                           | 2    |                            |

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**For More Information Please Contact:**

**Eastman Kodak Company**  
**Health Imaging**  
**1-800-328-2910 (U. S. Only)**  
**651-393-1728 (Outside the U.S.A.)**

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